Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : -2.Improvements to Roads and Drains in Agrahara Layout and surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									Dt: 22/06/18
	Ayyappa Enclave									
	2nd Cross Road									
	Center Line		0.5	156.50			0.1		7.83	
	Edge Line		2	156.50			0.1		31.30	
	3rd Cross Road									
	Center Line		0.5	174.50			0.1		8.73	
	Edge Line		2	174.50			0.1		34.90	
	Agrahara Layout Main Road									
	Center Line		0.5	530.00			0.1		26.50	
	Edge Line		2	530.00			0.1		106.00	
	Pooja Mahalaxmi									
	Center Line		0.5	370.00			0.1		18.50	
	Edge Line		2	370.00			0.1		74.00	
							TOTAL		**307.75**	**Sqm**

Consultant

TEJUS CONSULTANTS

Assistant Engineer

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Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BYATARAYANAPURA DIVISION

MEASUREMENT SHEET

1st & Part bill

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										Dt:15/04/18
	Indira Canteen Back side Road										
	0.00	15.00		1	15.00			0.90		13.50	
	15.00	30.00		1	15.00			0.90		13.50	
	30.00	39.00		1	9.00			0.90		8.10	
	11th Cross Road										
	RHS										
	0.00	15.00		1	15.00			0.90		13.50	
	15.00	30.00		1	15.00			0.90		13.50	
	30.00	45.00		1	15.00			0.90		13.50	
	45.00	55.30		1	10.30			0.90		9.27	
	Cross Road 1										
	LHS										
	0.00	15.00		1	15.00			0.90		13.50	
	15.00	30.00		1	15.00			0.90		13.50	
	30.00	37.00		1	7.00			0.90		6.30	
								TOTAL		**118.17**	**Sqm**

Consultant

TEXUS CONSULTANTS

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
2	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										Dt: 06/04/18
	Byrappa House Road										
	LHS										
	45.00	57.60		1	12.60			0.45	0.40	2.27	
	Maramma Beside RD										
	0.00	13.00		1	13.00			0.45	0.40	2.34	
	Indira Canteen Back side Road										
	0.00	15.00		1	15.00			0.45	0.40	2.70	
	15.00	30.00		1	15.00			0.45	0.40	2.70	
	30.00	39.00		1	9.00			0.45	0.40	1.62	
	11th Cross Road										
	RHS										
	0.00	15.00		1	15.00			0.45	0.40	2.70	
	15.00	30.00		1	15.00			0.45	0.40	2.70	
	30.00	45.00		1	15.00			0.45	0.40	2.70	
	45.00	55.30		1	10.30			0.45	0.40	1.85	
	Cross Road 1										
	LHS										
	0.00	15.00		1	15.00			0.45	0.40	2.70	
	15.00	30.00		1	15.00			0.45	0.40	2.70	
	30.00	37.00		1	7.00			0.45	0.40	1.26	
								TOTAL		**28.24**	**Cum**

Consultant

TERRUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	KSRRB M300- Scarifying Existing Granular Surface to a Depth of 50mm by Manual Means. KSRRB M300-52.1. Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material and complete as per specifications. MORTH Specification No. 305.4.3 (P.No.148, I.No.19.58 of PW,P&IWTD S.R 2016-17)										Dt.13/04/18
	5th Cross										
	0.00	15.00		1	15.00			4.50		67.50	
	15.00	30.00		1	15.00			4.20		63.00	
	30.00	45.00		1	15.00			4.30		64.50	
	45.00	60.00		1	15.00			4.20		63.00	
	60.00	75.00		1	15.00			4.30		64.50	
	75.00	90.00		1	15.00			4.20		63.00	
	90.00	105.00		1	15.00			4.20		63.00	
	105.00	120.00		1	15.00			4.20		63.00	
	120.00	135.00		1	15.00			4.20		63.00	
	135.00	150.00		1	15.00			4.20		63.00	
	150.00	165.00		1	15.00			4.40		66.00	
								TOTAL		703.50	Sqm

Consultant

TEJUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
4	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)										Dt : 28/04/18
	6th Cross										
	0.00	15.00		1	15.00			4.30		64.50	
	15.00	30.00		1	15.00			4.20		63.00	
	30.00	45.00		1	15.00			4.10		61.50	
	45.00	60.00		1	15.00			4.10		61.50	
	60.00	75.00		1	15.00			4.10		61.50	
	75.00	90.00		1	15.00			4.10		61.50	
	90.00	105.00		1	15.00			4.10		61.50	
	105.00	120.00		1	15.00			4.10		61.50	
	120.00	135.00		1	15.00			4.10		61.50	
	135.00	143.00		1	8.00			4.10		32.80	
								TOTAL		590.80	Sqm

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
5	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										Dt: 20/04/18
	Byrappa House Road										
	LHS										
	0.00	15.00		1	15.00	4.50	3.50	4.00	0.23	13.80	
	15.00	30.00		1	15.00	3.50	6.10	4.80	0.23	16.56	
	30.00	45.00		1	15.00	6.10	4.00	5.05	0.23	17.42	
	45.00	57.60		1	12.60	4.00	3.00	3.50	0.23	10.14	
	Cross Road in Byrappa House Road										
	0.00	6.60		1	6.60	3.90	3.60	3.75	0.23	5.69	
	Maramma Beside RD										
	0.00	13.00		1	13.00	3.90	3.60	3.75	0.23	11.21	
	Indira Canteen Back side Road										
	0.00	15.00		1	15.00	5.60	3.70	4.65	0.23	16.04	
	15.00	30.00		1	15.00	3.70	3.60	3.65	0.23	12.59	
	30.00	34.00		1	4.00	3.60	5.20	4.40	0.23	4.05	
	34.00	39.00		1	5.00	5.20	4.00	4.60	0.23	5.29	
	11th Cross Road										
	RHS										
	0.00	15.00		1	15.00	5.40	3.70	4.55	0.23	15.70	
	15.00	30.00		1	15.00	3.70	2.90	3.30	0.23	11.39	
	30.00	45.00		1	15.00	2.90	3.30	3.10	0.23	10.70	
	45.00	55.30		1	10.30	3.30	3.00	3.15	0.23	7.46	
	Cross Road 1										
	LHS										
	0.00	15.00		1	15.00	2.20	2.20	2.20	0.23	7.59	
	15.00	30.00		1	15.00	2.20	2.60	2.40	0.23	8.28	
	30.00	37.00		1	7.00	2.60	2.70	2.65	0.23	4.27	
	Belahalli										
	CROSS ROAD 1										
	0.00	30.00		1	30.00			3.50	0.15	15.75	
	30.00	60.00		1	30.00			3.80	0.15	17.10	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	60.00	64.20		1	4.20			3.60	0.15	2.27	Dt: 20/04/18
	CROSS ROAD 2										
	0.00	30.00		1	30.00			4.20	0.15	18.90	
	30.00	58.20		1	28.20			3.60	0.15	15.23	
	CROSS ROAD 3										
	0.00	30.00		1	30.00			3.80	0.15	17.10	
	30.00	50.00		1	20.00			3.60	0.15	10.80	
	CROSS ROAD 4										
	0.00	30.00		1	30.00			3.90	0.15	17.55	
	30.00	38.00		1	8.00			3.80	0.15	4.56	
	Asphalt Road										
	Gowdru Ramanna Badavane Road										
	0.00	30.00		1	30.00	6.50	4.60	5.55	0.23	38.30	
	30.00	60.00		1	30.00	4.60	3.80	4.20	0.23	28.98	
	60.00	90.00		1	30.00	3.80	3.90	3.85	0.23	26.57	
	90.00	120.00		1	30.00	3.90	4.60	4.25	0.23	29.33	
	120.00	150.00		1	30.00	4.60	3.90	4.25	0.23	29.33	
	150.00	160.70		1	10.70	3.90	3.90	3.90	0.23	9.60	
							TOTAL			**459.52**	**Cum**

Consultant

TEJUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
6	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)										Dt: 23/04/18
	Byrappa House Road										
	LHS										
	0.00	15.00		1	15.00	4.50	3.50	4.00	0.15	9.00	
	15.00	30.00		1	15.00	3.50	6.10	4.80	0.15	10.80	
	30.00	45.00		1	15.00	6.10	4.00	5.05	0.15	11.36	
	45.00	57.60		1	12.60	4.00	3.00	3.50	0.15	6.62	
	Cross Road in Byrappa House Road										
	0.00	6.60		1	6.60	3.90	3.60	3.75	0.15	3.71	
	Maramma Beside RD										
	0.00	13.00		1	13.00	3.90	3.60	3.75	0.15	7.31	
	Indira Canteen Back side Road										
	0.00	15.00		1	15.00	5.60	3.70	4.65	0.15	10.46	
	15.00	30.00		1	15.00	3.70	3.60	3.65	0.15	8.21	
	30.00	34.00		1	4.00	3.60	5.20	4.40	0.15	2.64	
	34.00	39.00		1	5.00	5.20	4.00	4.60	0.15	3.45	
	11th Cross Road										
	RHS										
	0.00	15.00		1	15.00	5.40	3.70	4.55	0.15	10.24	
	15.00	30.00		1	15.00	3.70	2.90	3.30	0.15	7.43	
	30.00	45.00		1	15.00	2.90	3.30	3.10	0.15	6.98	
	45.00	55.30		1	10.30	3.30	3.00	3.15	0.15	4.87	
	Cross Road 1										
	LHS										
	0.00	15.00		1	15.00	2.20	2.20	2.20	0.15	4.95	
	15.00	30.00		1	15.00	2.20	2.60	2.40	0.15	5.40	
	30.00	37.00		1	7.00	2.60	2.70	2.65	0.15	2.78	
	Belahalli										
	CROSS ROAD 1										
	0.00	30.00		1	30.00			3.50	0.15	15.75	
	30.00	60.00		1	30.00			3.80	0.15	17.10	
	60.00	64.20		1	4.20			3.60	0.15	2.27	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	CROSS ROAD 2										Dt: 23/04/18
	0.00	30.00		1	30.00			4.20	0.15	18.90	
	30.00	58.20		1	28.20			3.60	0.15	15.23	
	CROSS ROAD 3										
	0.00	30.00		1	30.00			3.80	0.15	17.10	
	30.00	50.00		1	20.00			3.60	0.15	10.80	
	CROSS ROAD 4										
	0.00	30.00		1	30.00			3.90	0.15	17.55	
	30.00	38.00		1	8.00			3.80	0.15	4.56	
							TOTAL			235.46	Cum

Consultant

Assistant Engineer 23/04/18

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
7	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) ((P.No.177, I.No.22.6.1 of PW,P&IWTD SR 2016-17)										Dt:09/05/18
	Byrappa House Road										
	LHS										
	0.00	15.00		1.00	15.00	4.50	3.50	4.00	0.10	6.00	
	15.00	30.00		1.00	15.00	3.50	6.10	4.80	0.10	7.20	
	30.00	45.00		1.00	15.00	6.10	4.00	5.05	0.10	7.58	
	45.00	57.60		1.00	12.60	4.00	3.00	3.50	0.10	4.41	
	Cross Road in Byrappa House Road										
	0.00	6.60		1.00	6.60	3.90	3.60	3.75	0.10	2.48	
	Maramma Beside RD										
	0.00	13.00		1.00	13.00	3.90	3.60	3.75	0.10	4.88	
	Indira Canteen Back side Road										
	0.00	15.00		1.00	15.00	5.60	3.70	4.65	0.10	6.98	
	15.00	30.00		1.00	15.00	3.70	3.60	3.65	0.10	5.48	
	30.00	34.00		1.00	4.00	3.60	5.20	4.40	0.10	1.76	
	34.00	39.00		1.00	5.00	5.20	4.00	4.60	0.10	2.30	
	11th Cross Road										
	RHS										
	0.00	15.00		1.00	15.00	5.40	3.70	4.55	0.10	6.83	
	15.00	30.00		1.00	15.00	3.70	2.90	3.30	0.10	4.95	
	30.00	45.00		1.00	15.00	2.90	3.30	3.10	0.10	4.65	
	45.00	55.30		1.00	10.30	3.30	3.00	3.15	0.10	3.24	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Cross Road 1										Dt:09/05/18
	LHS										
	0.00	15.00		1.00	15.00	2.20	2.20	2.20	0.10	3.30	
	15.00	30.00		1.00	15.00	2.20	2.60	2.40	0.10	3.60	
	30.00	37.00		1.00	7.00	2.60	2.70	2.65	0.10	1.86	
	Belahalli										
	CROSS ROAD 1										
	0.00	30.00		1.00	30.00			3.50	0.10	10.50	
	30.00	60.00		1.00	30.00			3.80	0.10	11.40	
	60.00	64.20		1.00	4.20			3.60	0.10	1.51	
	CROSS ROAD 2										
	0.00	30.00		1.00	30.00			4.20	0.10	12.60	
	30.00	58.20		1.00	28.20			3.60	0.10	10.15	
	CROSS ROAD 3										
	0.00	30.00		1.00	30.00			3.80	0.10	11.40	
	30.00	50.00		1.00	20.00			3.60	0.10	7.20	
	CROSS ROAD 4										
	0.00	30.00		1.00	30.00			3.90	0.10	11.70	
	30.00	38.00		1.00	8.00			3.80	0.10	3.04	
							TOTAL			156.97	Cum

Consultant

TEJUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
8	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)										Dt:09/05/18
	Byrappa House Road										
	LHS										
	0.00	15.00		1	15.00	4.50	3.50	4.00		60.00	
	15.00	30.00		1	15.00	3.50	6.10	4.80		72.00	
	30.00	45.00		1	15.00	6.10	4.00	5.05		75.75	
	45.00	57.60		1	12.60	4.00	3.00	3.50		44.10	
	Cross Road in Byrappa House Road										
	0.00	6.60		1	6.60	3.90	3.60	3.75		24.75	
	Maramma Beside RD										
	0.00	13.00		1	13.00	3.90	3.60	3.75		48.75	
	Indira Canteen Back side Road										
	0.00	15.00		1	15.00	5.60	3.70	4.65		69.75	
	15.00	30.00		1	15.00	3.70	3.60	3.65		54.75	
	30.00	34.00		1	4.00	3.60	5.20	4.40		17.60	
	34.00	39.00		1	5.00	5.20	4.00	4.60		23.00	
	11th Cross Road										
	RHS										
	0.00	15.00		1	15.00	5.40	3.70	4.55		68.25	
	15.00	30.00		1	15.00	3.70	2.90	3.30		49.50	
	30.00	45.00		1	15.00	2.90	3.30	3.10		46.50	
	45.00	55.30		1	10.30	3.30	3.00	3.15		32.45	
	Cross Road 1										
	LHS										
	0.00	15.00		1	15.00	2.20	2.20	2.20		33.00	
	15.00	30.00		1	15.00	2.20	2.60	2.40		36.00	
	30.00	37.00		1	7.00	2.60	2.70	2.65		18.55	
	Belahalli										
	CROSS ROAD 1										
	0.00	30.00		1	30.00			3.50		105.00	
	30.00	60.00		1	30.00			3.80		114.00	
	60.00	64.20		1	4.20			3.60		15.12	

Consultant

TRUST CONSULTANTS

Assistant Engineer

09/05/18

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	CROSS ROAD 2										Dt:09/05/18
	0.00	30.00		1	30.00			4.20		126.00	
	30.00	58.20		1	28.20			3.60		101.52	
	CROSS ROAD 3										
	0.00	30.00		1	30.00			3.80		114.00	
	30.00	50.00		1	20.00			3.60		72.00	
	CROSS ROAD 4										
	0.00	30.00		1	30.00			3.90		117.00	
	30.00	38.00		1	8.00			3.80		30.40	
							TOTAL			1569.74	Sqm

Consultant

TEQUS CONSULTANTS

09/05/18

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
9	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										Dt:24/4/18
	Gowdru Ramanna Badavane Road										
	0.00	30.00		1.00	30.00	6.50	4.60	5.55	0.23	38.30	
	30.00	60.00		1.00	30.00	4.60	3.80	4.20	0.23	28.98	
	60.00	90.00		1.00	30.00	3.80	3.90	3.85	0.23	26.57	
	90.00	120.00		1.00	30.00	3.90	4.60	4.25	0.23	29.33	
	120.00	150.00		1.00	30.00	4.60	3.90	4.25	0.23	29.33	
	150.00	160.70		1.00	10.70	3.90	3.90	3.90	0.23	9.60	
							TOTAL			**162.09**	**Cum**

Consultant TEJUS CONSULTANTS

Assistant Engineer 24/4/18

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg\sqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										Dt: 27/04/18
	Gowdru Ramanna Badavane Road										
	0.00	30.00		1.00	30.00	6.50	4.60	5.55		166.50	
	30.00	60.00		1.00	30.00	4.60	3.80	4.20		126.00	
	60.00	90.00		1.00	30.00	3.80	3.90	3.85		115.50	
	90.00	120.00		1.00	30.00	3.90	4.60	4.25		127.50	
	120.00	150.00		1.00	30.00	4.60	3.90	4.25		127.50	
	150.00	160.70		1.00	10.70	3.90	3.90	3.90		41.73	
							TOTAL			704.73	Sqm

Consultant

TEXUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
11	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										Dt: 28/04/18
	Gowdru Ramanna Badavane Road										
	0.00	30.00		1.00	30.00	6.50	4.60	5.55		166.50	
	30.00	60.00		1.00	30.00	4.60	3.80	4.20		126.00	
	60.00	90.00		1.00	30.00	3.80	3.90	3.85		115.50	
	90.00	120.00		1.00	30.00	3.90	4.60	4.25		127.50	
	120.00	150.00		1.00	30.00	4.60	3.90	4.25		127.50	
	150.00	160.70		1.00	10.70	3.90	3.90	3.90		41.73	
	5th Cross										
	0.00	15.00		1.00	15.00			4.50		67.50	
	15.00	30.00		1.00	15.00			4.20		63.00	
	30.00	45.00		1.00	15.00			4.30		64.50	
	45.00	60.00		1.00	15.00			4.20		63.00	
	60.00	75.00		1.00	15.00			4.30		64.50	
	75.00	90.00		1.00	15.00			4.20		63.00	
	90.00	105.00		1.00	15.00			4.20		63.00	
	105.00	120.00		1.00	15.00			4.20		63.00	
	120.00	135.00		1.00	15.00			4.20		63.00	
	135.00	150.00		1.00	15.00			4.20		63.00	
	150.00	165.00		1.00	15.00			4.40		66.00	
	6th Cross										
	0.00	15.00		1.00	15.00			4.30		64.50	
	15.00	30.00		1.00	15.00			4.20		63.00	
	30.00	45.00		1.00	15.00			4.10		61.50	
	45.00	60.00		1.00	15.00			4.10		61.50	
	60.00	75.00		1.00	15.00			4.10		61.50	
	75.00	90.00		1.00	15.00			4.10		61.50	
	90.00	105.00		1.00	15.00			4.10		61.50	
	105.00	120.00		1.00	15.00			4.10		61.50	
	120.00	135.00		1.00	15.00			4.10		61.50	
	135.00	143.00		1.00	8.00			4.10		32.80	
							TOTAL			1999.03	Sqm

Consultant

28/04/18

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
12	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										Dt:28/04/18
	Gowdru Ramanna Badavane Road										
	0.00	30.00		1.00	30.00	6.50	4.60	5.55	0.04	6.66	
	30.00	60.00		1.00	30.00	4.60	3.80	4.20	0.04	5.04	
	60.00	90.00		1.00	30.00	3.80	3.90	3.85	0.04	4.62	
	90.00	120.00		1.00	30.00	3.90	4.60	4.25	0.04	5.10	
	120.00	150.00		1.00	30.00	4.60	3.90	4.25	0.04	5.10	
	150.00	160.70		1.00	10.70	3.90	3.90	3.90	0.04	1.67	
	5th Cross										
	0.00	15.00		1.00	15.00			4.50	0.04	2.70	
	15.00	30.00		1.00	15.00			4.20	0.04	2.52	
	30.00	45.00		1.00	15.00			4.30	0.04	2.58	
	45.00	60.00		1.00	15.00			4.20	0.04	2.52	
	60.00	75.00		1.00	15.00			4.30	0.04	2.58	
	75.00	90.00		1.00	15.00			4.20	0.04	2.52	
	90.00	105.00		1.00	15.00			4.20	0.04	2.52	
	105.00	120.00		1.00	15.00			4.20	0.04	2.52	
	120.00	135.00		1.00	15.00			4.20	0.04	2.52	
	135.00	150.00		1.00	15.00			4.20	0.04	2.52	
	150.00	165.00		1.00	15.00			4.40	0.04	2.64	
	6th Cross										
	0.00	15.00		1.00	15.00			4.30	0.04	2.58	
	15.00	30.00		1.00	15.00			4.20	0.04	2.52	
	30.00	45.00		1.00	15.00			4.10	0.04	2.46	
	45.00	60.00		1.00	15.00			4.10	0.04	2.46	
	60.00	75.00		1.00	15.00			4.10	0.04	2.46	
	75.00	90.00		1.00	15.00			4.10	0.04	2.46	
	90.00	105.00		1.00	15.00			4.10	0.04	2.46	
	105.00	120.00		1.00	15.00			4.10	0.04	2.46	
	120.00	135.00		1.00	15.00			4.10	0.04	2.46	
	135.00	143.00		1.00	8.00			4.10	0.04	1.31	
							TOTAL			79.96	Cum

Consultant

TEJUS CONSULTANTS

Assistant Engineer

28/04/18

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 3.Improvements to Roads, and Drains at Kogilu Village and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
13	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)									Dt:02/05/18
	Gowdru Ramanna									
	Edge Line		2.00	160.70			0.1		32.14	
	5th Cross									
	Edge Line		2.00	165.00			0.1		33	
	6th Cross									
	Edge Line		2.00	143.00			0.1		28.6	
						TOTAL			**93.74**	**Sqm**

Consultant

TEAMS CONSULTANTS

Assistant Engineer

02/05/18

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BYATARAYANAPURA DIVISION

MEASUREMENT SHEET

1st & Part bill

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										Dt:06/04/18
	DESILT										
	BELAHALLI MAIN ROAD										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.50	0.45	6.75	
	30.00	60.00	L/S	1.00	30.00			0.50	0.45	6.75	
	60.00	90.00	L/S	1.00	30.00			0.50	0.45	6.75	
	90.00	120.00	L/S	1.00	30.00			0.50	0.45	6.75	
	120.00	150.00	L/S	1.00	30.00			0.50	0.45	6.75	
	CROSS ROAD 1										
	0.00	30.00		1.00	30.00			0.50	0.45	6.75	
	30.00	60.00		1.00	30.00			0.50	0.45	6.75	
	60.00	64.20		1.00	4.20			0.50	0.45	0.95	
	CROSS ROAD 2										
	0.00	30.00		1.00	30.00			0.50	0.45	6.75	
	30.00	58.20		1.00	28.20			0.50	0.45	6.35	
	CROSS ROAD 3										
	0.00	30.00		1.00	30.00			0.50	0.45	6.75	
	30.00	50.00		1.00	20.00			0.50	0.45	4.50	
	CROSS ROAD 4										
	0.00	30.00		1.00	30.00			0.50	0.45	6.75	
	30.00	38.00		1.00	8.00			0.50	0.45	1.80	
							TOTAL			**81.09**	**Cum**

Consultant

TEJUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
2	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										Dt: 16/04/18
	FOR NEW BS SLAB DRAIN										
	CROSS ROAD 1										
	0.00	30.00		1.00	30.00				1.80	54.00	
	30.00	60.00		1.00	30.00				1.80	54.00	
	60.00	64.20		1.00	4.20				1.80	7.56	
	CROSS ROAD 2										
	0.00	30.00		1.00	30.00				1.80	54.00	
	30.00	58.20		1.00	28.20				1.80	50.76	
	CROSS ROAD 3										
	0.00	30.00		1.00	30.00				1.80	54.00	
	30.00	50.00		1.00	20.00				1.80	36.00	
	CROSS ROAD 4										
	0.00	30.00		1.00	30.00				1.80	54.00	
	30.00	38.00		1.00	8.00				1.80	14.40	
							TOTAL			378.72	Sqm

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										Dt: 16/04/18
	ROAD PORTION										
	BELAHALLI MAIN ROAD										
	0.00	30.00		1.00	30.00	5.90	4.40	5.15	0.15	23.18	
	30.00	60.00		1.00	30.00	4.40	5.60	5.00	0.15	22.50	
	60.00	90.00		1.00	30.00	5.60	5.90	5.75	0.15	25.88	
	90.00	120.00		1.00	30.00	5.90	5.80	5.85	0.15	26.33	
	120.00	150.00		1.00	30.00	5.80	6.30	6.05	0.15	27.23	
	150.00	180.00		1.00	30.00	6.30	4.20	5.25	0.15	23.63	
	180.00	210.00		1.00	30.00	4.20	4.20	4.20	0.15	18.90	
	210.00	240.00		1.00	30.00	4.20	4.60	4.40	0.15	19.80	
	240.00	270.00		1.00	30.00	4.60	3.80	4.20	0.15	18.90	
	270.00	300.00		1.00	30.00	3.80	3.80	3.80	0.15	17.10	
	300.00	330.00		1.00	30.00	3.80	3.50	3.65	0.15	16.43	
	330.00	360.00		1.00	30.00	3.50	4.00	3.75	0.15	16.88	
	360.00	390.00		1.00	30.00	4.00	4.20	4.10	0.15	18.45	
	390.00	420.00		1.00	30.00	4.20	4.20	4.20	0.15	18.90	
	420.00	431.40		1.00	11.40	4.20	4.40	4.30	0.15	7.35	
							TOTAL			**301.43**	**Cum**

Consultant

KEYUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
4	KSRRB M300-Construction of Embankment with Material deposited from Roadway cutting. KSRRB M300-54. Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Table 300-2 complete asper specifications.which includes , watering charges & compaction by vibratory roller) MORTH Specification No. 305 (P.No.146, I.No.19.61 of PW,P&IWTD S.R 2016-17)										Dt: 25/04/18
	ROAD PORTION										
	BELAHALLI MAIN ROAD										
	180.00	210.00		1.00	30.00	4.20	4.20	4.20	0.23	28.98	
	210.00	240.00		1.00	30.00	4.20	4.60	4.40	0.23	30.36	
	240.00	270.00		1.00	30.00	4.60	3.80	4.20	0.23	28.98	
	270.00	300.00		1.00	30.00	3.80	3.80	3.80	0.23	26.22	
	300.00	330.00		1.00	30.00	3.80	3.50	3.65	0.23	25.19	
	330.00	360.00		1.00	30.00	3.50	4.00	3.75	0.23	25.88	
	360.00	390.00		1.00	30.00	4.00	4.20	4.10	0.23	28.29	
	390.00	420.00		1.00	30.00	4.20	4.20	4.20	0.23	28.98	
	420.00	431.40		1.00	11.40	4.20	4.40	4.30	0.23	11.27	
							TOTAL			**234.14**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
5	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										Dt: 06/05/18
	ROAD PORTION										
	BELAHALLI MAIN ROAD										
	0.00	30.00		1.00	30.00	5.90	4.40	5.15	0.25	38.63	
	30.00	60.00		1.00	30.00	4.40	5.60	5.00	0.25	37.50	
	60.00	90.00		1.00	30.00	5.60	5.90	5.75	0.25	43.13	
	90.00	120.00		1.00	30.00	5.90	5.80	5.85	0.25	43.88	
	120.00	150.00		1.00	30.00	5.80	6.30	6.05	0.25	45.38	
	150.00	180.00		1.00	30.00	6.30	4.20	5.25	0.25	39.38	
	180.00	210.00		1.00	30.00	4.20	4.20	4.20	0.25	31.50	
	210.00	240.00		1.00	30.00	4.20	4.60	4.40	0.25	33.00	
	240.00	270.00		1.00	30.00	4.60	3.80	4.20	0.25	31.50	
	270.00	300.00		1.00	30.00	3.80	3.80	3.80	0.25	28.50	
	300.00	330.00		1.00	30.00	3.80	3.50	3.65	0.25	27.38	
	330.00	360.00		1.00	30.00	3.50	4.00	3.75	0.25	28.13	
	360.00	390.00		1.00	30.00	4.00	4.20	4.10	0.25	30.75	
	390.00	420.00		1.00	30.00	4.20	4.20	4.20	0.25	31.50	
	420.00	431.40		1.00	11.40	4.20	4.40	4.30	0.25	12.26	
							TOTAL			**502.38**	**Cum**

Consultant

Assistant Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
6	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										Dt: 07/05/18
	ROAD PORTION										
	BELAHALLI MAIN ROAD										
	0.00	30.00		1.00	30.00	5.90	4.40	5.15		154.50	
	30.00	60.00		1.00	30.00	4.40	5.60	5.00		150.00	
	60.00	90.00		1.00	30.00	5.60	5.90	5.75		172.50	
	90.00	120.00		1.00	30.00	5.90	5.80	5.85		175.50	
	120.00	150.00		1.00	30.00	5.80	6.30	6.05		181.50	
	150.00	180.00		1.00	30.00	6.30	4.20	5.25		157.50	
	180.00	210.00		1.00	30.00	4.20	4.20	4.20		126.00	
	210.00	240.00		1.00	30.00	4.20	4.60	4.40		132.00	
	240.00	270.00		1.00	30.00	4.60	3.80	4.20		126.00	
	270.00	300.00		1.00	30.00	3.80	3.80	3.80		114.00	
	300.00	330.00		1.00	30.00	3.80	3.50	3.65		109.50	
	330.00	360.00		1.00	30.00	3.50	4.00	3.75		112.50	
	360.00	390.00		1.00	30.00	4.00	4.20	4.10		123.00	
	390.00	420.00		1.00	30.00	4.20	4.20	4.20		126.00	
	420.00	431.40		1.00	11.40	4.20	4.40	4.30		49.02	
							TOTAL			**2009.52**	**Sqm**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
7	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										Dt: 18/05/18
	FOR LAYING BC										
	BELAHALLI MAIN ROAD										
	0.00	30.00		1.00	30.00	5.90	4.40	5.15		154.50	
	30.00	60.00		1.00	30.00	4.40	5.60	5.00		150.00	
	60.00	90.00		1.00	30.00	5.60	5.90	5.75		172.50	
	90.00	120.00		1.00	30.00	5.90	5.80	5.85		175.50	
	120.00	150.00		1.00	30.00	5.80	6.30	6.05		181.50	
	150.00	180.00		1.00	30.00	6.30	4.20	5.25		157.50	
	180.00	210.00		1.00	30.00	4.20	4.20	4.20		126.00	
	210.00	240.00		1.00	30.00	4.20	4.60	4.40		132.00	
	240.00	270.00		1.00	30.00	4.60	3.80	4.20		126.00	
	270.00	300.00		1.00	30.00	3.80	3.80	3.80		114.00	
	300.00	330.00		1.00	30.00	3.80	3.50	3.65		109.50	
	330.00	360.00		1.00	30.00	3.50	4.00	3.75		112.50	
	360.00	390.00		1.00	30.00	4.00	4.20	4.10		123.00	
	390.00	420.00		1.00	30.00	4.20	4.20	4.20		126.00	
	420.00	431.40		1.00	11.40	4.20	4.40	4.30		49.02	
							TOTAL			2009.52	Sqm

TEJUS CONSULTANTS

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
8	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										Dt:18/05/18
	FOR LAYING BC										
	BELAHALLI MAIN ROAD										
	0.00	30.00		1.00	30.00	5.90	4.40	5.15	0.04	6.18	
	30.00	60.00		1.00	30.00	4.40	5.60	5.00	0.04	6.00	
	60.00	90.00		1.00	30.00	5.60	5.90	5.75	0.04	6.90	
	90.00	120.00		1.00	30.00	5.90	5.80	5.85	0.04	7.02	
	120.00	150.00		1.00	30.00	5.80	6.30	6.05	0.04	7.26	
	150.00	180.00		1.00	30.00	6.30	4.20	5.25	0.04	6.30	
	180.00	210.00		1.00	30.00	4.20	4.20	4.20	0.04	5.04	
	210.00	240.00		1.00	30.00	4.20	4.60	4.40	0.04	5.28	
	240.00	270.00		1.00	30.00	4.60	3.80	4.20	0.04	5.04	
	270.00	300.00		1.00	30.00	3.80	3.80	3.80	0.04	4.56	
	300.00	330.00		1.00	30.00	3.80	3.50	3.65	0.04	4.38	
	330.00	360.00		1.00	30.00	3.50	4.00	3.75	0.04	4.50	
	360.00	390.00		1.00	30.00	4.00	4.20	4.10	0.04	4.92	
	390.00	420.00		1.00	30.00	4.20	4.20	4.20	0.04	5.04	
	420.00	431.40		1.00	11.40	4.20	4.40	4.30	0.04	1.96	
							TOTAL			**80.38**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 4.Improvements to Roads, and Drains at Bellehalli and surrounding areas in ward No 05 Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
9	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)									Dt: 22/05/18
	EDGE LINE		2.0	431.40			0.10		86.28	
							TOTAL		86.28	Sqm

Consultant

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BYATARAYANAPURA DIVISION

MEASUREMENT SHEET

1st & Part bill

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										Dt: 03/04/19
	DESILT										
	KATTIGENAHALLI										
	1ST CROSS										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	35.20	L/S	1.00	5.20			0.45	0.40	0.94	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.45	0.40	5.40	
	30.00	35.20	R/S	1.00	5.20			0.45	0.40	0.94	
	5TH CROSS										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	L/S	1.00	30.00			0.45	0.40	5.40	
	60.00	90.00	L/S	1.00	30.00			0.45	0.40	5.40	
	90.00	120.00	L/S	1.00	30.00			0.45	0.40	5.40	
	120.00	150.00	L/S	1.00	30.00			0.45	0.40	5.40	
	150.00	165.20	L/S	1.00	15.20			0.45	0.40	2.74	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	R/S	1.00	30.00			0.45	0.40	5.40	
	60.00	90.00	R/S	1.00	30.00			0.45	0.40	5.40	
	90.00	120.00	R/S	1.00	30.00			0.45	0.40	5.40	
	120.00	150.00	R/S	1.00	30.00			0.45	0.40	5.40	
	150.00	165.20	R/S	1.00	15.20			0.45	0.40	2.74	
	KALIDASA LAYOUT										
	1ST CROSS										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	L/S	1.00	30.00			0.45	0.40	5.40	
	60.00	90.00	L/S	1.00	30.00			0.45	0.40	5.40	
	90.00	100.80	L/S	1.00	10.80			0.45	0.40	1.94	

Consultant

Assistant Engineer

Assistant Executive Engineer

Detailed Measurements

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										Dt: 03/04/18
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	R/S	1.00	30.00			0.45	0.40	5.40	
	60.00	90.00	R/S	1.00	30.00			0.45	0.40	5.40	
	90.00	100.80	R/S	1.00	10.80			0.45	0.40	1.94	
	MUNI ANJINAPPA LAYOUT										
	1ST CROSS										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	L/S	1.00	30.00			0.45	0.40	5.40	
	60.00	71.60	L/S	1.00	11.60			0.45	0.40	2.09	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	R/S	1.00	30.00			0.45	0.40	5.40	
	60.00	71.60	R/S	1.00	11.60			0.45	0.40	2.09	
	2ND CROSS										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	L/S	1.00	30.00			0.45	0.40	5.40	
	60.00	69.00	L/S	1.00	9.00			0.45	0.40	1.62	
	CROSS ROAD										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	35.80	L/S	1.00	5.80			0.45	0.40	1.04	
	KIDS DAY CARE ROAD										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	L/S	1.00	30.00			0.45	0.40	5.40	
	60.00	90.00	L/S	1.00	30.00			0.45	0.40	5.40	
	90.00	120.00	L/S	1.00	30.00			0.45	0.40	5.40	
	120.00	150.00	L/S	1.00	30.00			0.45	0.40	5.40	
	150.00	180.00	L/S	1.00	30.00			0.45	0.40	5.40	
	180.00	210.00	L/S	1.00	30.00			0.45	0.40	5.40	

Consultant

Assistant Engineer

Assistant Executive Engineer

Detailed Measurements

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	210.00	240.00	L/S	1.00	30.00			0.45	0.40	5.40	01:03/04/18
	240.00	270.00	L/S	1.00	30.00			0.45	0.40	5.40	
	270.00	300.00	L/S	1.00	30.00			0.45	0.40	5.40	
	300.00	332.30	L/S	1.00	32.30			0.45	0.40	5.81	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	R/S	1.00	30.00			0.45	0.40	5.40	
	60.00	90.00	R/S	1.00	30.00			0.45	0.40	5.40	
	90.00	120.00	R/S	1.00	30.00			0.45	0.40	5.40	
	120.00	150.00	R/S	1.00	30.00			0.45	0.40	5.40	
	150.00	180.00	R/S	1.00	30.00			0.45	0.40	5.40	
	180.00	210.00	R/S	1.00	30.00			0.45	0.40	5.40	
	210.00	240.00	R/S	1.00	30.00			0.45	0.40	5.40	
	240.00	270.00	R/S	1.00	30.00			0.45	0.40	5.40	
	270.00	300.00	R/S	1.00	30.00			0.45	0.40	5.40	
	300.00	332.30	R/S	1.00	32.30			0.45	0.40	5.81	
	GANGOTRI LAYOUT										
	MAIN ROAD										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	L/S	1.00	30.00			0.45	0.40	5.40	
	60.00	90.00	L/S	1.00	30.00			0.45	0.40	5.40	
	90.00	120.00	L/S	1.00	30.00			0.45	0.40	5.40	
	120.00	150.00	L/S	1.00	30.00			0.45	0.40	5.40	
	150.00	161.60	L/S	1.00	11.60			0.45	0.40	2.09	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.45	0.40	5.40	
	30.00	60.00	R/S	1.00	30.00			0.45	0.40	5.40	
	60.00	90.00	R/S	1.00	30.00			0.45	0.40	5.40	
	90.00	120.00	R/S	1.00	30.00			0.45	0.40	5.40	
	120.00	150.00	R/S	1.00	30.00			0.45	0.40	5.40	
	150.00	161.60	R/S	1.00	11.60			0.45	0.40	2.09	
	CROSS ROAD 1										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.45	0.40	5.40	
	30.00	47.20	L/S	1.00	17.20			0.45	0.40	3.10	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										Dt: 03/04/18
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.45	0.40	5.40	
	30.00	47.20	R/S	1.00	17.20			0.45	0.40	3.10	
	CROSS ROAD 2										
	LHS										
	0.00	21.70	L/S	1.00	21.70			0.45	0.30	2.93	
	RHS										
	0.00	21.70	R/S	1.00	21.70			0.45	0.30	2.93	
							TOTAL			353.73	Cum

Consultant

TEXUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	BI	B2	Avg width	Depth	Quantity	Remarks
2	KSRRB M300-52.2. Scarifying Existing Bituminous surface to a depth of 50mm by Mechanical Means. Scarifying the existing bituminous road surface to a depth of 50mm and disposal of scarified material and complete as per specifications. MORTH Specification No. 305.4.3 (P.No.148, I.No.19.59 of PW,P&IWTD S.R 2016-17)										Dt: 02/5/18
	KATTIGENAHALLI										
	1ST CROSS										
	0.00	30.00		1.00	30.00	5.60	5.60	5.60		168.00	
	30.00	35.20		1.00	5.20	5.60	5.60	5.60		29.12	
	6TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.50	4.35		130.50	
	30.00	45.00		1.00	15.00	4.50	4.20	4.35		65.25	
	KALIDASA LAYOUT										
	1ST CROSS										
	0.00	3.00		1.00	3.00	8.70	7.00	7.85		23.55	
	3.00	30.00		1.00	27.00	7.00	5.90	6.45		174.15	
	30.00	60.00		1.00	30.00	5.90	5.20	5.55		166.50	
	60.00	90.00		1.00	30.00	5.20	4.80	5.00		150.00	
	90.00	101.80		1.00	11.80	4.80	4.80	4.80		56.64	
	MUNI ANJINAPPA LAYOUT										
	1ST CROSS										
	0.00	30.00		1.00	30.00	6.10	4.80	5.45		163.50	
	30.00	60.00		1.00	30.00	4.80	5.50	5.15		154.50	
	60.00	68.00		1.00	8.00	5.50	5.00	5.25		42.00	
	68.00	71.60		1.00	3.60	5.00	8.50	6.75		24.30	
	2ND CROSS										
	0.00	30.00		1.00	30.00	4.00	3.40	3.70		111.00	
	30.00	60.00		1.00	30.00	3.40	3.80	3.60		108.00	
	60.00	69.00		1.00	9.00	3.80	4.20	4.00		36.00	
	CROSS ROAD										
	0.00	30.00		1.00	30.00	4.80	4.60	4.70		141.00	
	30.00	35.80		1.00	5.80	4.60	4.40	4.50		26.10	
							TOTAL			**1770.11**	**Sqm**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										Dt: 03/05/18
	ROAD PORTION										
	REVA COLLEGE OPP ROAD										
	0.00	2.00		1.00	2.00	9.60	7.10	8.35	0.25	4.18	
	2.00	30.00		1.00	28.00	9.60	7.00	8.30	0.25	58.10	
	30.00	60.00		1.00	30.00	9.60	6.50	8.05	0.25	60.38	
	60.00	90.00		1.00	30.00	9.60	7.20	8.40	0.25	63.00	
	90.00	120.00		1.00	30.00	9.60	7.20	8.40	0.25	63.00	
	120.00	150.00		1.00	30.00	9.60	7.10	8.35	0.25	62.63	
	150.00	180.00		1.00	30.00	9.60	6.30	7.95	0.25	59.63	
	180.00	210.00		1.00	30.00	9.60	6.00	7.80	0.25	58.50	
	210.00	240.00		1.00	30.00	9.60	5.80	7.70	0.25	57.75	
	240.00	270.00		1.00	30.00	9.60	5.60	7.60	0.25	57.00	
	270.00	300.00		1.00	30.00	9.60	5.40	7.50	0.25	56.25	
	300.00	308.00		1.00	8.00	9.60	5.40	7.50	0.25	15.00	
	KATTIGENAHALLI										
	1ST CROSS										
	0.00	30.00		1.00	30.00	5.60	5.60	5.60	0.25	42.00	
	30.00	35.20		1.00	5.20	5.60	5.60	5.60	0.25	7.28	
	5TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.60	4.40	0.25	33.00	
	30.00	60.00		1.00	30.00	4.60	4.30	4.45	0.25	33.38	
	60.00	90.00		1.00	30.00	4.30	4.40	4.35	0.25	32.63	
	90.00	120.00		1.00	30.00	4.40	4.30	4.35	0.25	32.63	
	120.00	150.00		1.00	30.00	4.30	4.30	4.30	0.25	32.25	
	150.00	165.20		1.00	15.20	4.30	4.70	4.50	0.25	17.10	
	6TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.50	4.35	0.25	32.63	
	30.00	45.00		1.00	15.00	4.50	4.20	4.35	0.25	16.31	
	7TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.50	4.35	0.25	32.63	
	30.00	50.00		1.00	20.00	4.50	4.30	4.40	0.25	22.00	

Consultant

TEJUS CONSULTANTS

Assistant Engineer

03/05/18

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
											DT 03/05/18
	KALIDASA LAYOUT										
	1ST CROSS										
	0.00	3.00		1.00	3.00	8.70	7.00	7.85	0.25	5.89	
	3.00	30.00		1.00	27.00	7.00	5.90	6.45	0.25	43.54	
	30.00	60.00		1.00	30.00	5.90	5.20	5.55	0.25	41.63	
	60.00	90.00		1.00	30.00	5.20	4.80	5.00	0.25	37.50	
	90.00	101.80		1.00	11.80	4.80	4.80	4.80	0.25	14.16	
	MUNI ANJINAPPA LAYOUT										
	1ST CROSS										
	0.00	30.00		1.00	30.00	6.10	4.80	5.45	0.25	40.88	
	30.00	60.00		1.00	30.00	4.80	5.50	5.15	0.25	38.63	
	60.00	68.00		1.00	8.00	5.50	5.00	5.25	0.25	10.50	
	68.00	71.60		1.00	3.60	5.00	8.50	6.75	0.25	6.07	
	2ND CROSS										
	0.00	30.00		1.00	30.00	4.00	3.40	3.70	0.25	27.75	
	30.00	60.00		1.00	30.00	3.40	3.80	3.60	0.25	27.00	
	60.00	69.00		1.00	9.00	3.80	4.20	4.00	0.25	9.00	
	CROSS ROAD										
	0.00	30.00		1.00	30.00	4.80	4.60	4.70	0.25	35.25	
	30.00	35.80		1.00	5.80	4.60	4.40	4.50	0.25	6.53	
	KIDS DAY CARE ROAD										
	0.00	30.00		1.00	30.00	5.30	4.90	5.10	0.25	38.25	
	30.00	60.00		1.00	30.00	4.90	4.30	4.60	0.25	34.50	
	60.00	90.00		1.00	30.00	4.30	4.40	4.35	0.25	32.63	
	90.00	120.00		1.00	30.00	4.40	4.20	4.30	0.25	32.25	
	120.00	150.00		1.00	30.00	4.20	4.70	4.45	0.25	33.38	
	150.00	180.00		1.00	30.00	4.70	4.50	4.60	0.25	34.50	
	180.00	210.00		1.00	30.00	4.50	4.70	4.60	0.25	34.50	
	210.00	240.00		1.00	30.00	4.70	5.30	5.00	0.25	37.50	
	240.00	270.00		1.00	30.00	5.30	4.50	4.90	0.25	36.75	
	270.00	300.00		1.00	30.00	4.50	4.60	4.55	0.25	34.13	
	300.00	328.50		1.00	28.50	4.60	5.00	4.80	0.25	34.20	
	328.50	332.30		1.00	3.80	5.00	9.50	7.25	0.25	6.89	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	GANGOTRI LAYOUT										Dt: 05/05/18
	MAIN ROAD										
	0.00	30.00		1.00	30.00	4.70	4.70	4.70	0.25	35.25	
	30.00	60.00		1.00	30.00	4.70	4.80	4.75	0.25	35.63	
	60.00	90.00		1.00	30.00	4.80	5.50	5.15	0.25	38.63	
	90.00	120.00		1.00	30.00	5.50	5.40	5.45	0.25	40.88	
	120.00	150.00		1.00	30.00	5.40	4.20	4.80	0.25	36.00	
	150.00	161.60		1.00	11.60	4.20	4.10	4.15	0.25	12.04	
	CROSS ROAD 1										
	0.00	30.00		1.00	30.00	5.00	4.50	4.75	0.25	35.63	
	30.00	47.20		1.00	17.20	4.50	4.50	4.50	0.25	19.35	
	CROSS ROAD 2										
	0.00	21.70		1.00	21.70	4.50	4.60	4.55	0.25	24.68	
							TOTAL			1961.06	Cum

Consultant

TEJUS CONSULTANTS

Assistant Engineer

05/05/18

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
4	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										Dt:14/05/18
	ROAD PORTION										
	REVA COLLEGE OPP ROAD										
	0.00	2.00		1.00	2.00	9.60	7.10	8.35		16.70	
	2.00	30.00		1.00	28.00	9.60	7.00	8.30		232.40	
	30.00	60.00		1.00	30.00	9.60	6.50	8.05		241.50	
	60.00	90.00		1.00	30.00	9.60	7.20	8.40		252.00	
	90.00	120.00		1.00	30.00	9.60	7.20	8.40		252.00	
	120.00	150.00		1.00	30.00	9.60	7.10	8.35		250.50	
	150.00	180.00		1.00	30.00	9.60	6.30	7.95		238.50	
	180.00	210.00		1.00	30.00	9.60	6.00	7.80		234.00	
	210.00	240.00		1.00	30.00	9.60	5.80	7.70		231.00	
	240.00	270.00		1.00	30.00	9.60	5.60	7.60		228.00	
	270.00	300.00		1.00	30.00	9.60	5.40	7.50		225.00	
	300.00	308.00		1.00	8.00	9.60	5.40	7.50		60.00	
	KATTIGENAHALLI										
	1ST CROSS										
	0.00	30.00		1.00	30.00	5.60	5.60	5.60		168.00	
	30.00	35.20		1.00	5.20	5.60	5.60	5.60		29.12	
	5TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.60	4.40		132.00	
	30.00	60.00		1.00	30.00	4.60	4.30	4.45		133.50	
	60.00	90.00		1.00	30.00	4.30	4.40	4.35		130.50	
	90.00	120.00		1.00	30.00	4.40	4.30	4.35		130.50	
	120.00	150.00		1.00	30.00	4.30	4.30	4.30		129.00	
	150.00	165.20		1.00	15.20	4.30	4.70	4.50		68.40	
	6TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.50	4.35		130.50	
	30.00	45.00		1.00	15.00	4.50	4.20	4.35		65.25	
	7TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.50	4.35		130.50	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	30.00	50.00		1.00	20.00	4.50	4.30	4.40		88.00	Dt: 14/05/19
	KALIDASA LAYOUT										
	1ST CROSS										
	0.00	3.00		1.00	3.00	8.70	7.00	7.85		23.55	
	3.00	30.00		1.00	27.00	7.00	5.90	6.45		174.15	
	30.00	60.00		1.00	30.00	5.90	5.20	5.55		166.50	
	60.00	90.00		1.00	30.00	5.20	4.80	5.00		150.00	
	90.00	101.80		1.00	11.80	4.80	4.80	4.80		56.64	
	MUNI ANJINAPPA LAYOUT										
	1ST CROSS										
	0.00	30.00		1.00	30.00	6.10	4.80	5.45		163.50	
	30.00	60.00		1.00	30.00	4.80	5.50	5.15		154.50	
	60.00	68.00		1.00	8.00	5.50	5.00	5.25		42.00	
	68.00	71.60		1.00	3.60	5.00	8.50	6.75		24.30	
	2ND CROSS										
	0.00	30.00		1.00	30.00	4.00	3.40	3.70		111.00	
	30.00	60.00		1.00	30.00	3.40	3.80	3.60		108.00	
	60.00	69.00		1.00	9.00	3.80	4.20	4.00		36.00	
	CROSS ROAD										
	0.00	30.00		1.00	30.00	4.80	4.60	4.70		141.00	
	30.00	35.80		1.00	5.80	4.60	4.40	4.50		26.10	
	KIDS DAY CARE ROAD										
	0.00	30.00		1.00	30.00	5.30	4.90	5.10		153.00	
	30.00	60.00		1.00	30.00	4.90	4.30	4.60		138.00	
	60.00	90.00		1.00	30.00	4.30	4.40	4.35		130.50	
	90.00	120.00		1.00	30.00	4.40	4.20	4.30		129.00	
	120.00	150.00		1.00	30.00	4.20	4.70	4.45		133.50	
	150.00	180.00		1.00	30.00	4.70	4.50	4.60		138.00	

Consultant

TEXUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	180.00	210.00		1.00	30.00	4.50	4.70	4.60		138.00	DT:14/05/18
	210.00	240.00		1.00	30.00	4.70	5.30	5.00		150.00	
	240.00	270.00		1.00	30.00	5.30	4.50	4.90		147.00	
	270.00	300.00		1.00	30.00	4.50	4.60	4.55		136.50	
	300.00	328.50		1.00	28.50	4.60	5.00	4.80		136.80	
	328.50	332.30		1.00	3.80	5.00	9.50	7.25		27.55	
	GANGOTRI LAYOUT										
	MAIN ROAD										
	0.00	30.00		1.00	30.00	4.70	4.70	4.70		141.00	
	30.00	60.00		1.00	30.00	4.70	4.80	4.75		142.50	
	60.00	90.00		1.00	30.00	4.80	5.50	5.15		154.50	
	90.00	120.00		1.00	30.00	5.50	5.40	5.45		163.50	
	120.00	150.00		1.00	30.00	5.40	4.20	4.80		144.00	
	150.00	161.60		1.00	11.60	4.20	4.10	4.15		48.14	
	CROSS ROAD 1										
	0.00	30.00		1.00	30.00	5.00	4.50	4.75		142.50	
	30.00	47.20		1.00	17.20	4.50	4.50	4.50		77.40	
	CROSS ROAD 2										
	0.00	21.70		1.00	21.70	4.50	4.60	4.55		98.74	
							TOTAL			**7844.24**	**Sqm**

TEJUS CONSULTANTS

Consultant

Assistant Engineer 14/05/18

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
5	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										Dt:15/05/18
	ROAD PORTION										
	REVA COLLEGE OPP ROAD										
	0.00	2.00		1.00	2.00	9.60	7.10	8.35		16.70	
	2.00	30.00		1.00	28.00	9.60	7.00	8.30		232.40	
	30.00	60.00		1.00	30.00	9.60	6.50	8.05		241.50	
	60.00	90.00		1.00	30.00	9.60	7.20	8.40		252.00	
	90.00	120.00		1.00	30.00	9.60	7.20	8.40		252.00	
	120.00	150.00		1.00	30.00	9.60	7.10	8.35		250.50	
	150.00	180.00		1.00	30.00	9.60	6.30	7.95		238.50	
	180.00	210.00		1.00	30.00	9.60	6.00	7.80		234.00	
	210.00	240.00		1.00	30.00	9.60	5.80	7.70		231.00	
	240.00	270.00		1.00	30.00	9.60	5.60	7.60		228.00	
	270.00	300.00		1.00	30.00	9.60	5.40	7.50		225.00	
	300.00	308.00		1.00	8.00	9.60	5.40	7.50		60.00	
	KATTIGENAHALLI 1ST CROSS										
	0.00	30.00		1.00	30.00	5.60	5.60	5.60		168.00	
	30.00	35.20		1.00	5.20	5.60	5.60	5.60		29.12	
	5TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.60	4.40		132.00	
	30.00	60.00		1.00	30.00	4.60	4.30	4.45		133.50	
	60.00	90.00		1.00	30.00	4.30	4.40	4.35		130.50	
	90.00	120.00		1.00	30.00	4.40	4.30	4.35		130.50	
	120.00	150.00		1.00	30.00	4.30	4.30	4.30		129.00	
	150.00	165.20		1.00	15.20	4.30	4.70	4.50		68.40	
	6TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.50	4.35		130.50	
	30.00	45.00		1.00	15.00	4.50	4.20	4.35		65.25	
	7TH CROSS										

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	30.00		1.00	30.00	4.20	4.50	4.35		130.50	dt:15/05/18
	30.00	50.00		1.00	20.00	4.50	4.30	4.40		88.00	
	KALIDASA LAYOUT										
	1ST CROSS										
	0.00	3.00		1.00	3.00	8.70	7.00	7.85		23.55	
	3.00	30.00		1.00	27.00	7.00	5.90	6.45		174.15	
	30.00	60.00		1.00	30.00	5.90	5.20	5.55		166.50	
	60.00	90.00		1.00	30.00	5.20	4.80	5.00		150.00	
	90.00	101.80		1.00	11.80	4.80	4.80	4.80		56.64	
	MUNI ANJINAPPA LAYOUT										
	1ST CROSS										
	0.00	30.00		1.00	30.00	6.10	4.80	5.45		163.50	
	30.00	60.00		1.00	30.00	4.80	5.50	5.15		154.50	
	60.00	68.00		1.00	8.00	5.50	5.00	5.25		42.00	
	68.00	71.60		1.00	3.60	5.00	8.50	6.75		24.30	
	2ND CROSS										
	0.00	30.00		1.00	30.00	4.00	3.40	3.70		111.00	
	30.00	60.00		1.00	30.00	3.40	3.80	3.60		108.00	
	60.00	69.00		1.00	9.00	3.80	4.20	4.00		36.00	
	CROSS ROAD										
	0.00	30.00		1.00	30.00	4.80	4.60	4.70		141.00	
	30.00	35.80		1.00	5.80	4.60	4.40	4.50		26.10	
	KIDS DAY CARE ROAD										
	0.00	30.00		1.00	30.00	5.30	4.90	5.10		153.00	
	30.00	60.00		1.00	30.00	4.90	4.30	4.60		138.00	
	60.00	90.00		1.00	30.00	4.30	4.40	4.35		130.50	
	90.00	120.00		1.00	30.00	4.40	4.20	4.30		129.00	
	120.00	150.00		1.00	30.00	4.20	4.70	4.45		133.50	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	150.00	180.00		1.00	30.00	4.70	4.50	4.60		138.00	Dt: 15/05/18
	180.00	210.00		1.00	30.00	4.50	4.70	4.60		138.00	
	210.00	240.00		1.00	30.00	4.70	5.30	5.00		150.00	
	240.00	270.00		1.00	30.00	5.30	4.50	4.90		147.00	
	270.00	300.00		1.00	30.00	4.50	4.60	4.55		136.50	
	300.00	328.50		1.00	28.50	4.60	5.00	4.80		136.80	
	328.50	332.30		1.00	3.80	5.00	9.50	7.25		27.55	
	GANGOTRI LAYOUT										
	MAIN ROAD										
	0.00	30.00		1.00	30.00	4.70	4.70	4.70		141.00	
	30.00	60.00		1.00	30.00	4.70	4.80	4.75		142.50	
	60.00	90.00		1.00	30.00	4.80	5.50	5.15		154.50	
	90.00	120.00		1.00	30.00	5.50	5.40	5.45		163.50	
	120.00	150.00		1.00	30.00	5.40	4.20	4.80		144.00	
	150.00	161.60		1.00	11.60	4.20	4.10	4.15		48.14	
	CROSS ROAD 1										
	0.00	30.00		1.00	30.00	5.00	4.50	4.75		142.50	
	30.00	47.20		1.00	17.20	4.50	4.50	4.50		77.40	
	CROSS ROAD 2										
	0.00	21.70		1.00	21.70	4.50	4.60	4.55		98.74	
								TOTAL		**7844.24**	**Sqm**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 005-16-000041, 005-16-000042, 005-16-000043,005-16-000044, 005-16-000045, 005-16-000046, 005-16-000047, 005-16-000048, 005-16-000049, 005-16-000050, 005-16-000051, 005-16-000019, 005-16-000020, 005-16-000021, 005-16-000022, 005-16-000023, 005-16-000024, 005-16-000025, 005-16-000026, 005-16-000027, 005-16-000028, 005-16-000029,005-16-000030. 26620

Name of Agency :- Sri. M. S. Venkatesh

Bill No :- 1st RA Bill

Name Of work : - 5.Improvements to Roads and Drains in Kattigenahalli, Srinidhi Layout, Anjanadri Layout, Kuvempu Layoutand surrounding areas in ward No 05 - Jakkur, Byatarayanapura Sub Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
6	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										Dt: 16/05/18
	FOR LAYING BC										
	REVA COLLEGE OPP ROAD										
	0.00	2.00		1.00	2.00	9.60	7.10	8.35	0.04	0.67	
	2.00	30.00		1.00	28.00	9.60	7.00	8.30	0.04	9.30	
	30.00	60.00		1.00	30.00	9.60	6.50	8.05	0.04	9.66	
	60.00	90.00		1.00	30.00	9.60	7.20	8.40	0.04	10.08	
	90.00	120.00		1.00	30.00	9.60	7.20	8.40	0.04	10.08	
	120.00	150.00		1.00	30.00	9.60	7.10	8.35	0.04	10.02	
	150.00	180.00		1.00	30.00	9.60	6.30	7.95	0.04	9.54	
	180.00	210.00		1.00	30.00	9.60	6.00	7.80	0.04	9.36	
	210.00	240.00		1.00	30.00	9.60	5.80	7.70	0.04	9.24	
	240.00	270.00		1.00	30.00	9.60	5.60	7.60	0.04	9.12	
	270.00	300.00		1.00	30.00	9.60	5.40	7.50	0.04	9.00	
	300.00	308.00		1.00	8.00	9.60	5.40	7.50	0.04	2.40	
	KATTIGENAHALLI										
	1ST CROSS										
	0.00	30.00		1.00	30.00	5.60	5.60	5.60	0.04	6.72	
	30.00	35.20		1.00	5.20	5.60	5.60	5.60	0.04	1.16	
	5TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.60	4.40	0.04	5.28	
	30.00	60.00		1.00	30.00	4.60	4.30	4.45	0.04	5.34	
	60.00	90.00		1.00	30.00	4.30	4.40	4.35	0.04	5.22	
	90.00	120.00		1.00	30.00	4.40	4.30	4.35	0.04	5.22	
	120.00	150.00		1.00	30.00	4.30	4.30	4.30	0.04	5.16	
	150.00	165.20		1.00	15.20	4.30	4.70	4.50	0.04	2.74	
	6TH CROSS										
	0.00	30.00		1.00	30.00	4.20	4.50	4.35	0.04	5.22	

Consultant

Assistant Engineer

Assistant Executive Engineer